



US007118220B2

(12) **United States Patent**
Castaldi et al.

(10) **Patent No.:** **US 7,118,220 B2**
(45) **Date of Patent:** **Oct. 10, 2006**

(54) **PROJECTOR DEVICE USER INTERFACE SYSTEM**

(75) Inventors: **Joseph Castaldi**, West Linn, OR (US); **Robin F. Hoeye**, Tigard, OR (US); **Mark Porter**, Portland, OR (US); **Karla Fisher**, Gaston, OR (US); **Kevin Thompson**, Salem, OR (US); **Jennifer Jaffe**, Portland, OR (US); **Susan Michalak**, Portland, OR (US); **Leon Dagler**, Sherwood, OR (US); **Steven Hampson**, Lake Oswego, OR (US); **Sonia Carver**, Lake Oswego, OR (US); **Greg Kim**, Portland, OR (US)

(73) Assignee: **InFocus Corporation**, Wilsonville, OR (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/263,722**

(22) Filed: **Oct. 31, 2005**

(65) **Prior Publication Data**

US 2006/0050240 A1 Mar. 9, 2006

Related U.S. Application Data

(63) Continuation of application No. 10/858,670, filed on Jun. 1, 2004, which is a continuation-in-part of application No. 10/033,474, filed on Dec. 26, 2001, now Pat. No. 6,830,340.

(60) Provisional application No. 60/474,501, filed on May 29, 2003.

(51) **Int. Cl.**

G03B 21/00 (2006.01)

G03B 21/26 (2006.01)

G09G 5/00 (2006.01)

H04N 5/64 (2006.01)

G06F 15/16 (2006.01)

(52) **U.S. Cl.** **353/30**; 353/94; 353/121; 353/122; 348/744; 345/1.1; 709/204; 713/168

(58) **Field of Classification Search** 353/30, 353/31, 94, 121, 122; 348/211, 211.2, 212, 348/213, 744; 345/1.1; 709/204; 713/165, 713/168, 202

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,739,396 A 4/1988 Hyatt 358/60

6,219,793 B1 * 4/2001 Li et al. 726/19

6,637,895 B1 10/2003 Fujimori et al. 353/119

6,735,616 B1 5/2004 Thompson et al. 709/204

6,860,609 B1 3/2005 Olson et al. 353/122

* cited by examiner

Primary Examiner—Melissa Jan Koval

(74) *Attorney, Agent, or Firm*—Alleman Hall McCoy Russell & Tuttle LLP

(57) **ABSTRACT**

A method for interfacing a device to a projector including identifying a network to which the device is connected, identifying at least one projector on network, identifying status of at least one projector, enabling selection of at least one projector based on identified status, and transmitting data to at least one projector depending on whether it is selected.

20 Claims, 14 Drawing Sheets

WINDOWS USER INTERFACE SCREEN

